GENERATE AT LEAST TWO CERTIFICATE
REVOCATION LISTS (CRL) OF A FIRST
TYPE WITH AT LEAST PARTIALLY
CONSECUTIVE VALIDITY PERIODS WHERE
THE BEGINNING OF THE VALIDITY PERIOD
OF AT LEAST ONE OF SAID CRLs IS AT A
FUTURE POINT IN TIME, EACH CRL NOT
INDICATING A REVOKED STATUS OF ANY
CERTIFICATE AUTHORITY (CA)
CONTAINED THEREIN

GENERATE AT LEAST TWO
CERTIFICATE REVOCATION LISTS OF A
SECOND TYPE (CRL) WITH AT LEAST
PARTIALLY CONSECUTIVE VALIDITY
PERIODS WHERE THE BEGINNING OF
THE VALIDITY PERIOD OF AT LEAST
ONE OF SAID CRLs IS AT A FUTURE
POINT IN TIME, EACH CRL INDICATING
A REVOKED STATUS OF AT LEAST ONE
CERTIFICATE AUTHORITY (CA)
CONTAINED THEREIN

CHECKING REGARDING EACH CA LISTED IN THE CRLs OF SAID FIRST TYPE IF THE SECURITY OF ANY CA HAS BEEN BREACHED



IF THE SECURITY OF EACH CA ON A CRL OF A FIRST TYPE IS STILL NOT BREACHED BY THE TIME OF THE BEGINNING OF THE VALIDITY PERIOD OF THAT CRL, PUBLISHING THAT CRL OF A FIRST TYPE **ESSENTIALLY AT THE BEGINNING OF THE VALIDITY** PERIOD OF SAID CRL, BUT IF THE SECURITY OF AT LEAST ONE CA IN A CRL OF THE FIRST TYPE HAS BEEN BREACHED; PUBLISHING A CRL OF THE SECOND TYPE **ESSENTIALLY AT THE BEGINNING OF THE VALIDITY** PERIOD OF SAID CRL

GENERATE AT LEAST TWO CERTIFICATE
REVOCATION LISTS (CRL) OF A FIRST
TYPE WITH AT LEAST PARTIALLY
CONSECUTIVE VALIDITY PERIODS WHERE
THE BEGINNING OF THE VALIDITY PERIOD
OF AT LEAST ONE OF SAID CRLs IS AT A
FUTURE POINT IN TIME, EACH CRL NOT
INDICATING A REVOKED STATUS OF ANY
CERTIFICATE AUTHORITY (CA)
CONTAINED THEREIN

GENERATE AT LEAST TWO
CERTIFICATE REVOCATION LISTS
(CRL) OF A SECOND TYPE WITH AT
LEAST PARTIALLY CONSECUTIVE
VALIDITY PERIODS WHERE THE
BEGINNING OF THE VALIDITY PERIOD
OF AT LEAST ONE OF SAID CRLS OF
SAID SECOND TYPE IS AT A FUTURE
POINT IN TIME, EACH CRL INDICATING
A REVOKED STATUS OF AT LEAST ONE
CERTIFICATE AUTHORITY (CA)
CONTAINED THEREIN

GENERATING AT LEAST TWO
CERTIFICATE REVOCATION LISTS (CRL)
OF A THIRD TYPE HAVING AT LEAST
PARTIALLY CONSECUTIVE VALIDITY
PERIODS WHERE THE BEGINNING OF THE
VALIDITY PERIOD OF AT LEAST ONE OF
THE CRLs IS A FUTURE POINT IN TIME

CHECKING REGARDING EACH
CA LISTED IN THE CRLs OF
SAID FIRST TYPE IF THE
SECURITY OF ANY CA HAS
BEEN BREACHED AND
DECIDING WHETHER TO
REVOKE THE CA OR PLACE
THE CA ON TEMPORARY
SUSPENSION

IF THE SECURITY OF EACH CA ON A CRL OF A FIRST TYPE IS STILL NOT BREACHED BY THE TIME OF THE BEGINNING OF THE VALIDITY PERIOD OF THAT CRL , PUBLISHING THAT CRL OF A FIRST TYPE ESSENTIALLY AT THE BEGINNING OF THE VALIDITY PERIOD OF SAID CRL, BUT IF THE SECURITY OF AT LEAST ONE CAIN A CRL OF THE FIRST TYPE HAS BEEN BREACHED AND IT IS DECIDED TO REVOKE THE CA, PUBLISHING A CRL OF THE SECOND TYPE, AND IF A CA HAS BEEN TEMPORARILY SUSPENDED, PUBLISHING SAID CRL OF SAID THIRD TYPE

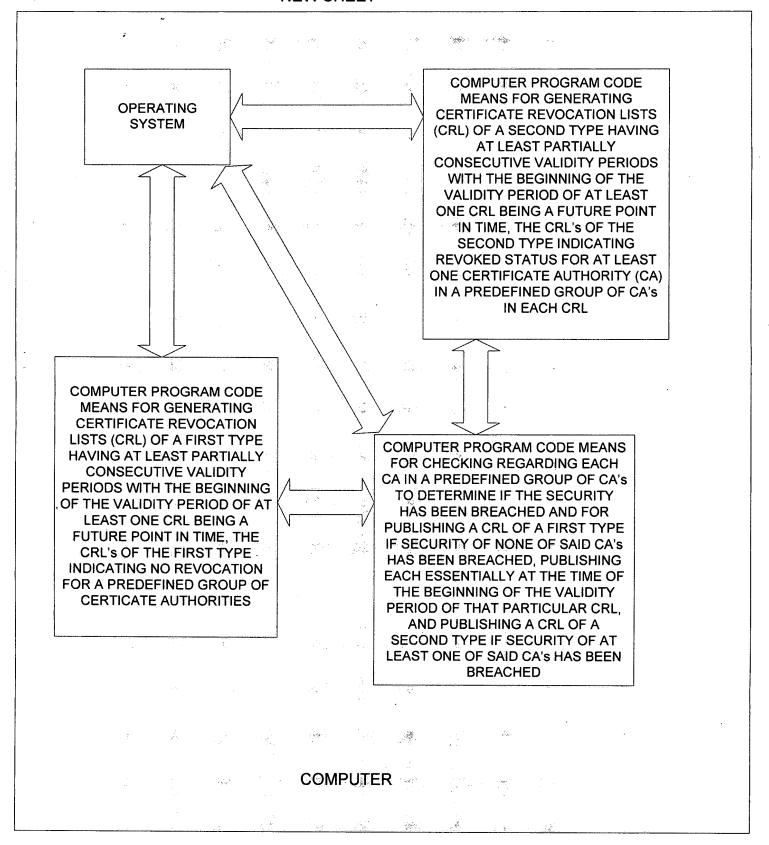


FIG. 4